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#11/43



SEQUENCE LISTING

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Devilee, Peter

<120> A diagnostic test kit for determining a predisposition
for breast and ovarian cancer, materials and methods
for such determination

<130> 294-78

<140> US 09/445,174

<141> 2000-04-24

<150> PCT/NL98/00325

<151> 1998-06-03

<150> EP 97201700.8

<151> 1997-06-04

<160> 23

<170> PatentIn Ver. 2.1

<210> 1

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer forward
for D17S1322

<400> 1

ctagcctggg caacaaacga

20

<210> 2

<211> 20

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer reverse
for D17S1322

<400> 2

gcaggaagca ggaatggaac

20

<210> 3

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: primer forward

for D17S855

<400> 3 21
ggatggcctt ttagaaagtg g

<210> 4
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<220>
<223> Description of Artificial Sequence: primer reverse
for D17S855

<400> 4 20
acacagactt gtcctactgc

<210> 5
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
for D17S1323

<400> 5 20
taggagatgg attattggtg

<210> 6
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
for D17S1323

<400> 6 20
aagcaacttt gcaatgagtg

<210> 7
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
for first PCR

<400> 7 22
tcacagtgca gtgaattgga ag

<210> 8
<211> 24

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
for first PCR

<400> 8
gtagccagga cagtagaagg actg 24

<210> 9
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward
for second PCR

<400> 9
gaagaaagag gaacgggctt gg 22

<210> 10
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse
for second PCR

<400> 10
ggccactttg taagctcatt c 21

<210> 11
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 11
aaccaccaag gtccaaagc 19

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 12
gtagccagga cagtagaagg actg 24

<210> 13
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 13
tacgtgggtt caactgaagc 20

<210> 14
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
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<400> 14
tcccattgag aggtcttgct 20

<210> 15
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 15
actgtgctac tcaagcacca 20

<210> 16
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
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<400> 16
gaaaaaaaaag tacaaccaa tgcc 24

<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 17
agcccacttc attagtactg gaac 24

<210> 18
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer forward

<400> 18
taccctataa gccagaatcc agaa 24

<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer reverse

<400> 19
ggccactttg taagctcatt c 21

<210> 20
<211> 720
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Exon 22 of BRCA1 and its flanking intron
sequences, pos. 79441-80160"

<400> 20
agaggtcttg ctataagcct tcatccggag agtgtagggt agagggcctg ggtaaagtat 60
gcagattact gcagtgattt tacatctaaa tgtccatttt agatcaactg gaatggatgg 120
tacagctgtg tgggtgcttct gtggtgaagg agctttcatc attcaccctt ggcacagtaa 180
gtattgggtg ccctgtcaga gagggaggac acaatattct ctctgtgag caagactggc 240
acctgtcagt ccctatggat gccctactg tagcctcaga agtcttctct gccacatac 300
ctgtgccaaa agactccatc tgtaagggat gggttaaggat ttgagaactg cacatattaa 360
atatactgag ggaagacttt ttccctctaa ctctttttcc catatgtccc tccccctcct 420
ctctgtgact gccccagcat actgtgtttc aacaaatcat caagaaatga tgggctggag 480
gctgggcatg gtgggtcatg tctgtaatcc cagcactttg ggaggccgag gcaggtggat 540
cacttgatcag gagtttgaga ccagcctggc caacatggtg aaaccccatc tgtactaaaa 600
aaaaaaaaac aaaaagtagc caggcctggt ggagcatgcc tgtaatgcca gctatttggg 660
aagttgaggt gtgagcatcg cttgaacgtg ggaggcagag gttgcagtga gccaaagattg 720

<210> 21
<211> 180
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Intronic region flanking exon 12, pos.
44423 - 44600"

<400> 21
cctgtaatcc cagcactttg ggaggccgag gcgggaggat catgtggtca ggagatccag 60

accatcctgg ctaacacggt gaaacaccat ttctactaaa actacaaaaa attagctggg 120
catggtggcg ggcgcctgta atcccagcta ctcaggaggc tgaagcagaa gaatggct 178

<210> 22
<211> 180
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Intronic region flanking exon 13, pos.
48256 - 48436"

<400> 22
cctgtaaccc cagcactttg ggaggccaag gcaggcgaat cacctgaggt cgggagctcg 60
agaccagcct gaccaacatg gagaaaccac atctctacta aaactacaaa aaattagccg 120
ggcgtggtgg cacatgcctg taatcccagc tacttgggag ctacggtgcc tggcctagtt 180

<210> 23
<211> 60
<212> DNA
<213> Homo sapiens

<220>
<223> /note="Deletion-function fragment"

<400> 23
agaccatcct ggctaacacg gtgaaacacc atttctacta aaactacaaa aaattagccg 60